

ABSTRACT

The present invention provides a technique to reduce time delay caused by message exchange or the like and to carry out fast handover. According to this technique, FBack is promptly returned by a mobile node (MN) without performing the processing (the processing to cause delay) that previous access router pAR transmits HI message in response to FBU message from MN and waits for HAcK message. Specifically, a usable address (nCoA usable at subnet of nAR) is selected when MN is connected to nAR from a table in response to FBU from MN, and FBack including the nCoA is returned to MN promptly regardless of transmitting and receiving of HI/HAcK message to and from nAR. As a result, it is possible, for instance, to reduce time delay caused by HI/HAcK message exchange and to carry out fast handover.